

K.5 SNAPSHOT RELATED SCRIPTS

This section contains scripts that are used in the snapshot creation process and scripts for performing administrative tasks on the snapshots. For more information on these scripts, see the readme text files **SNAPSHOT.txt** and **SNAP_ADMIN.txt** located under the /h/SMDB segment.

Using the account **SNAPSHOT_MASTER_READER**, the snapshot site must first run **sn_mstr_link.sql** to create the database link **GCCS.NMCC.SMIL.MIL** to communicate with the master site. Then the script **sn_grant_snap.sql** is generated by running the **sn_gen_grant_snap.sql** script. This generated script is used in a later step to grant the users permissions to the new snapshots. Once this is accomplished, the 42 tables that are to become snapshots are dropped and snapshots are created in their place. The **sn_grant_snap.sql** script is then used to create the role **SMDB_REF_FILE**, grant select privileges to **SMDB_REF_FILE**, and grant this role to the appropriate users. This is followed by the creation of the indexes on the base tables and the execution of analyze statements on the snapshot tables and indexes.

The objects needed to do automated refreshes are then set up. A table named **snapshot_site_refresh** is created and populated. Each row in this table lists a snapshot site and its corresponding scheduled automated refresh time. The three refresh groups are created to complete the set up for automated snapshot refreshes.

Lastly, objects that were made invalid as a result of the creation of the snapshots are recompiled. If the RDA application resides at the snapshot site, there is one final step that will need to be performed. Two scripts that were delivered as part of the RDA segment need to be rerun. These scripts are **installall.sql** and **rda_role.sql**.

If there is ever a need to reinstall the snapshots at a snapshot site, the creation process must be repeated and the site must also manually run the script **sn_grant_snap.sav** as <table_master> in order to restore the users' permissions on the snapshots.

K.5.1 chg_rfrsh.sql

```

spool chg_rfrsh.lis
set echo off
set feed on

prompt
accept hour number prompt 'ENTER DESIRED SNAPSHOT REFRESH HOUR (0-24): '
prompt
define refresh_hour = &hour

set verify on
set echo on
EXEC DBMS_REFRESH.CHANGE (  'table_master.REFRESH_GROUP1', -
    sysdate + (5/1440), -
    'trunc(sysdate + 1) + (&refresh_hour/24) + (0/1440)' );

EXEC DBMS_REFRESH.REFRESH (  'table_master.REFRESH_GROUP1' );

EXEC DBMS_REFRESH.CHANGE (  'table_master.REFRESH_GROUP2', -
    sysdate + (5/1440), -
    'trunc(sysdate + 1) + (&refresh_hour/24) + (20/1440)' );
EXEC DBMS_REFRESH.REFRESH (  'table_master.REFRESH_GROUP2' );

EXEC DBMS_REFRESH.CHANGE (  'table_master.REFRESH_GROUP3', -
    sysdate + (5/1440), -
    'trunc(sysdate + 1) + (&refresh_hour/24) + (40/1440)' );
EXEC DBMS_REFRESH.REFRESH (  'table_master.REFRESH_GROUP3' );

set pages 150
column interval format a50 word_wrapped
column owner format a12 word_wrapped
column rowner format a12 word_wrapped
column type format a12 word_wrapped
column rname format a15 word_wrapped

select * from sys.dba_refresh_children
where rowner = 'TABLE_MASTER';

spool off

```

K.5.2 chksnap.sql

```
spo chksnap.lis
set echo off
set line 90
set pages 100
column last_refresh format a20
column start_with format a20
column clock format a10
column broken format a6
column next format a40
column interval format a40
column error format 999999

select name, type, to_char(last_refresh,'MM/DD/YY HH24:MI') last_refresh
, to_char(start_with,'MM/DD/YY HH24:MI') start_with
, next, error
from sys.dba_snapshots
where owner='TABLE_MASTER'
order by start_with, name;

select rname, to_char(next_date,'MM/DD/YY HH24:MI') next,interval, broken
from sys.dba_refresh
where rowner='TABLE_MASTER';

spo off
set echo on
```

K.5.3 cnt_log.sql

```

set linesize 80
set echo off
set heading off
set feedback off
spool cnt_log.lis

select 'SNAPSHOT LOG      ', '      COUNT' from dual;
select '-----', '-----' from dual;

select 'MLOG$_AIRPORT          ', count (*) 
from table_master.MLOG$_AIRPORT;

select 'MLOG$_AIRPORT_AIRCRAFT_CAT  ', count (*)
from table_master.MLOG$_AIRPORT_AIRCRAFT_CAT;

select 'MLOG$_AIRPORT_CLEARANCE    ', count (*)
from table_master.MLOG$_AIRPORT_CLEARANCE;

select 'MLOG$_AIRPORT_REMARK      ', count (*)
from table_master.MLOG$_AIRPORT_REMARK;

select 'MLOG$_APRON              ', count (*)
from table_master.MLOG$_APRON;

select 'MLOG$_EQUIPMENT_TYPE      ', count (*)
from table_master.MLOG$_EQUIPMENT_TYPE;

select 'MLOG$_GEOGRAPHIC_LOCATION  ', count (*)
from table_master.MLOG$_GEOGRAPHIC_LOCATION;

select 'MLOG$_HARBOR              ', count (*)
from table_master.MLOG$_HARBOR;

select 'MLOG$_PORTS_OF_SUPPORT_L10  ', count (*)
from table_master.MLOG$_PORTS_OF_SUPPORT_L10;

select 'MLOG$_REFERENCE_FILE_STATU  ', count (*)
from table_master.MLOG$_REFERENCE_FILE_STATU;

select 'MLOG$_SEAPORT              ', count (*)
from table_master.MLOG$_SEAPORT;

select 'MLOG$_SEAPORT_ANCHORAGE     ', count (*)
from table_master.MLOG$_SEAPORT_ANCHORAGE;

select 'MLOG$_SEAPORT_BERTH_DEPTH    ', count (*)
from table_master.MLOG$_SEAPORT_BERTH_DEPTH;

select 'MLOG$_SEAPORT_CARGO_CAPACI   ', count (*)
from table_master.MLOG$_SEAPORT_CARGO_CAPACI;

select 'MLOG$_SEAPORT_CHANNEL        ', count (*)
from table_master.MLOG$_SEAPORT_CHANNEL;

select 'MLOG$_SEAPORT_CLEARANCE      ', count (*)
from table_master.MLOG$_SEAPORT_CLEARANCE;

select 'MLOG$_SEAPORT_CRAFT          ', count (*)
from table_master.MLOG$_SEAPORT_CRAFT;

select 'MLOG$_SEAPORT_CRANE          ', count (*)
from table_master.MLOG$_SEAPORT_CRANE;

select 'MLOG$_SEAPORT_FLOATING_CRA    ', count (*)
from table_master.MLOG$_SEAPORT_FLOATING_CRA;

select 'MLOG$_SEAPORT_MHE             ', count (*)
from table_master.MLOG$_SEAPORT_MHE;

select 'MLOG$_SEAPORT_REMARK          ', count (*)
from table_master.MLOG$_SEAPORT_REMARK;

```

```

select 'MLOG$_SEAPORT_STANDARD_BER      ',count (*)
from table_master.MLOG$_SEAPORT_STANDARD_BER;

select 'MLOG$_SEAPORT_STRUCTURE      ',count (*)
from table_master.MLOG$_SEAPORT_STRUCTURE;

select 'MLOG$_SERVICE_FUEL_L4      ',count (*)
from table_master.MLOG$_SERVICE_FUEL_L4;

select 'MLOG$_SERVICE_FUEL_RATE_L4      ',count (*)
from table_master.MLOG$_SERVICE_FUEL_RATE_L4;

select 'MLOG$_SERVICE_ORGN_APPN_L1      ',count (*)
from table_master.MLOG$_SERVICE_ORGN_APPN_L1;

select 'MLOG$_SERVICE_RESUPPLY_L3      ',count (*)
from table_master.MLOG$_SERVICE_RESUPPLY_L3;

select 'MLOG$_SERVICE_RESUPPLY_LOC      ',count (*)
from table_master.MLOG$_SERVICE_RESUPPLY_LOC;

select 'MLOG$_SERVICE_SUPPLY_L4      ',count (*)
from table_master.MLOG$_SERVICE_SUPPLY_L4;

select 'MLOG$_SERVICE_SUPPLY_RATE_      ',count (*)
from table_master.MLOG$_SERVICE_SUPPLY_RATE_;

select 'MLOG$_UNIT_TYPE      ',count (*)
from table_master.MLOG$_UNIT_TYPE;

select 'MLOG$_UNIT_TYPE_CARGO_3RD      ',count (*)
from table_master.MLOG$_UNIT_TYPE_CARGO_3RD;

select 'MLOG$_UNIT_TYPE_CARGO_4TH      ',count (*)
from table_master.MLOG$_UNIT_TYPE_CARGO_4TH;

select 'MLOG$_UNIT_TYPE_FUEL_L1      ',count (*)
from table_master.MLOG$_UNIT_TYPE_FUEL_L1;

select 'MLOG$_UNIT_TYPE_FUEL_RATE_      ',count (*)
from table_master.MLOG$_UNIT_TYPE_FUEL_RATE_;

select 'MLOG$_UNIT_TYPE_REPLACEMENT      ',count (*)
from table_master.MLOG$_UNIT_TYPE_REPLACEMENT;

select 'MLOG$_UNIT_TYPE_SUPPLY_L1      ',count (*)
from table_master.MLOG$_UNIT_TYPE_SUPPLY_L1;

select 'MLOG$_UNIT_TYPE_SUPPLY_RAT      ',count (*)
from table_master.MLOG$_UNIT_TYPE_SUPPLY_RAT;

select 'MLOG$_WHARF      ',count (*)
from table_master.MLOG$_WHARF;

select 'MLOG$_WHARF_BERTH      ',count (*)
from table_master.MLOG$_WHARF_BERTH;

select 'MLOG$_WHARF_CONTAINER_STOR      ',count (*)
from table_master.MLOG$_WHARF_CONTAINER_STOR;

select 'MLOG$_WHARF_EQUIPMENT      ',count (*)
from table_master.MLOG$_WHARF_EQUIPMENT;

spool off
set heading on
set feedback on
set echo on

```

K.5.4 ms_gen_grant_master.sql

```

Rem NAME
Rem     ms_gen_grant_master.sql
Rem FUNCTION
Rem     This script file needs to be run from TABLE_MASTER account to generate
Rem     GRANT SELECT on master tables and snapshot logs to SNAPSHOT_MASTER_READER
Rem     Oracle account used for creating and refreshing snapshots.
Rem     The generated sn_grant_master.sql needs to be run after snapshot logs
Rem     are created.
Rem CREATED
Rem     Rel 08/30/96
Rem

set echo on
set verify off
spool /h/SMDB/Scripts/SM_bld_tables/cr_master_reader.lis

DROP USER SNAPSHOT_MASTER_READER;

CREATE USER SNAPSHOT_MASTER_READER
identified by &1
default tablespace users
temporary tablespace temp;

grant connect to SNAPSHOT_MASTER_READER;

spool off

set pages 0
set feedback off
set linesize 100
set echo off
spool /h/SMDB/Scripts/SM_bld_tables/ms_grant_master.sql
prompt set echo on
prompt set feed on
prompt set linesize 100
prompt spool /h/SMDB/Scripts/SM_bld_tables/ms_grant_master.lis

select
'GRANT select on TABLE_MASTER.'||master||' to SNAPSHOT_MASTER_READER;''
from user_snapshot_logs;

select
'GRANT select on TABLE_MASTER.'||log_table||' to SNAPSHOT_MASTER_READER;''
from user_snapshot_logs;

prompt spool off
spool off
@/h/SMDB/Scripts/SM_bld_tables/ms_grant_master.sql

exit

```

K.5.5 ms_snaplog.sql

```

Rem NAME
Rem     ms_snaplog.sql
Rem FUNCTION
Rem     Create snapshot logs containing changes on master tables
Rem     to refresh snapshots.
Rem CREATED
Rem     Rel. 08/30/96

set echo on
spool /h/SMDB/Scripts/SM_bld_tables/ms_snaplog.lis

CREATE snapshot log on TABLE_MASTER.AIRPORT
tablespace REFERENCE_FILE_03
storage ( initial 32K next 64K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.AIRPORT_AIRCRAFT_CAT
tablespace REFERENCE_FILE_03
storage ( initial 32K next 64K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.AIRPORT_CLEARANCE
tablespace REFERENCE_FILE_03
storage ( initial 32K next 64K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.AIRPORT_REMARK
tablespace REFERENCE_FILE_03
storage ( initial 32K next 64K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.APRON
tablespace REFERENCE_FILE_03
storage ( initial 32K next 64K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.EQUIPMENT_TYPE
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.GEOGRAPHIC_LOCATION
tablespace REFERENCE_FILE_01
storage ( initial 128K next 256K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.HARBOR
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.REFERENCE_FILE_STATUS
tablespace REFERENCE_FILE_01
storage ( initial 8K next 8K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_ANCHORAGE
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_BERTH_DEPTH
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

```

```

CREATE snapshot log on TABLE_MASTER.SEAPORT_CARGO_CAPACITY
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_CHANNEL
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_CLEARANCE
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_CRAFT
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_CRANE
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_FLOATING_CRANE
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_MHE
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_REMARK
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_STANDARD_BERTH
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SEAPORT_STRUCTURE
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.PORTS_OF_SUPPORT_L10
tablespace LGSTC_FCTR_FILE_02
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SERVICE_RESUPPLY_LOC_L2
tablespace LGSTC_FCTR_FILE_01
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SERVICE_RESUPPLY_L3
tablespace LGSTC_FCTR_FILE_01
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SERVICE_FUEL_L4
tablespace LGSTC_FCTR_FILE_01
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SERVICE_FUEL_RATE_L4
tablespace LGSTC_FCTR_FILE_01
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

```

```

CREATE snapshot log on TABLE_MASTER.SERVICE_SUPPLY_L4
tablespace LGSTC_FCTR_FILE_01
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SERVICE_SUPPLY_RATE_L4
tablespace LGSTC_FCTR_FILE_01
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.SERVICE_ORGN_APPN_L11
tablespace LGSTC_FCTR_FILE_01
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.UNIT_TYPE
tablespace REFERENCE_FILE_01
storage ( initial 128K next 256K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.UNIT_TYPE_CARGO_3RD
tablespace REFERENCE_FILE_01
storage ( initial 256K next 512K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.UNIT_TYPE_CARGO_4TH
tablespace REFERENCE_FILE_01
storage ( initial 256K next 512K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.UNIT_TYPE_REPLACEMENT
tablespace REFERENCE_FILE_01
storage ( initial 16K next 32K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.UNIT_TYPE_FUEL_L1
tablespace LGSTC_FCTR_FILE_02
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.UNIT_TYPE_FUEL_RATE_L1
tablespace LGSTC_FCTR_FILE_02
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.UNIT_TYPE_SUPPLY_L1
tablespace LGSTC_FCTR_FILE_02
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.UNIT_TYPE_SUPPLY_RATE_L1
tablespace LGSTC_FCTR_FILE_02
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.WHARF
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.WHARF_BERTH
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.WHARF_CONTAINER_STORAGE
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

CREATE snapshot log on TABLE_MASTER.WHARF_EQUIPMENT
tablespace REFERENCE_FILE_04
storage ( initial 64K next 128K pctincrease 0 )
pctfree 0 pctused 95;

```

```
spool off  
exit
```

K.5.6 sn_gen_anl_snap.sql

```

Rem NAME
Rem     sn_gen_anl_snap.sql
Rem FUNCTION
Rem     This script file needs to be run from TABLE_MASTER account to generate
Rem     ANALYZE snapshots' base tables and indexes statements.
Rem     The generated sn_anl_snap.sql needs to be run after snapshots are created.
Rem CREATED
Rem     Rel. 08/30/96
Rem
set pagesize 0
set linesize 80
set echo off
set feedback off
column nl fold_before
spool /h/SMDB/Scripts/SM_bld_tables/sn_anl_snap.sql
prompt set echo on
prompt set feedback on
prompt spool /h/SMDB/Scripts/SM_bld_tables/sn_anl_snap.lis
prompt
select 'ANALYZE TABLE '|| owner || '.' || table_name,
       ' COMPUTE STATISTICS;' nl
  FROM sys.dba_snapshots
 where owner = 'TABLE_MASTER';

select 'ANALYZE INDEX '|| owner || '.' || index_name,
       ' COMPUTE STATISTICS;' nl
  FROM sys.dba_indexes
 WHERE TABLE_NAME IN
 (select table_name from sys.dba_snapshots
  where owner = 'TABLE_MASTER');

prompt spool off
prompt exit
spool off

@/h/SMDB/Scripts/SM_bld_tables/sn_anl_snap.sql

exit

```

K.5.7 sn_gen_compl_obj.sql

```

Rem NAME
Rem     sn_gen_compl_obj.sql
Rem FUNCTION
Rem     This script is run to generate another SQL script "sn_compl_obj.sql"
Rem     to recompile objects that became INVALID as a result of tables
Rem     being dropped and recreated as snapshots.
Rem CREATED
Rem     Rel. 08/30/96
Rem
set echo off
set feed off
set pages 0
set line 80

spool /h/SMDB/Scripts/SM_bld_tables/sn_compl_obj.sql
prompt spool /h/SMDB/Scripts/SM_bld_tables/sn_compl_obj.lis
prompt set echo on
prompt set feed on

select 'alter'||object_type||' TABLE_MASTER.'||object_name||' compile;'
from sys.dba_objects
where status = 'INVALID' and object_type not in ('PACKAGE', 'PACKAGE BODY')
and owner = 'TABLE_MASTER';

prompt spool off
spool off

@/h/SMDB/Scripts/SM_bld_tables/sn_compl_obj.sql

exit

```

K.5.8 sn_gen_grant_snap.sql

```

Rem NAME
Rem     sn_gen_grant_snap.sql
Rem FUNCTION
Rem     This script file needs to be run from TABLE_MASTER account to generate
Rem     GRANT SELECT on tables that will be converted to snapshots in SMDB.
Rem     The generated sn_grant_snap.sql needs to be run after snapshots are created.
Rem
Rem
set pages 0
set feedback off
set linesize 100
set echo off
spool /h/SMDB/Scripts/SM_bld_tables/sn_grant_snap.sql
prompt set echo on
prompt set feed on
prompt spool /h/SMDB/Scripts/SM_bld_tables/sn_grant_snap.lis

prompt
prompt create role SMDB_REF_FILE;;

prompt
prompt REM Generating grants SELECT on 42 snapshots to SMDB_REF_FILE role.
prompt
select
'GRANT SELECT on TABLE_MASTER.'||object_name||' to SMDB_REF_FILE;''
from user_objects
where object_type in ('TABLE', 'VIEW')
and object_name in
( 'AIRPORT'
, 'AIRPORT_AIRCRAFT_CAT'
, 'AIRPORT_CLEARANCE'
, 'AIRPORT_REMARK'
, 'APRON'
, 'EQUIPMENT_TYPE'
, 'GEOGRAPHIC_LOCATION'
, 'HARBOR'
, 'PORTS_OF_SUPPORT_L10'
, 'REFERENCE_FILE_STATUS'
, 'SEAPORT'
, 'SEAPORT_ANCHORAGE'
, 'SEAPORT_BERTH_DEPTH'
, 'SEAPORT_CARGO_CAPACITY'
, 'SEAPORT_CHANNEL'
, 'SEAPORT_CLEARANCE'
, 'SEAPORT_CRAFT'
, 'SEAPORT_CRANE'
, 'SEAPORT_FLOATING_CRANE'
, 'SEAPORT_MHE'
, 'SEAPORT_REMARK'
, 'SEAPORT_STANDARD_BERTH'
, 'SEAPORT_STRUCTURE'
, 'SERVICE_FUEL_L4'
, 'SERVICE_FUEL_RATE_L4'
, 'SERVICE_ORGN_APPN_L11'
, 'SERVICE_RESUPPLY_L3'
, 'SERVICE_RESUPPLY_LOC_L2'
, 'SERVICE_SUPPLY_L4'
, 'SERVICE_SUPPLY_RATE_L4'
, 'UNIT_TYPE'
, 'UNIT_TYPE_CARGO_3RD'
, 'UNIT_TYPE_CARGO_4TH'
, 'UNIT_TYPE_FUEL_L1'
, 'UNIT_TYPE_FUEL_RATE_L1'
, 'UNIT_TYPE_REPLACEMENT'
, 'UNIT_TYPE_SUPPLY_L1'
, 'UNIT_TYPE_SUPPLY_RATE_L1'
, 'WHARF'
, 'WHARF_BERTH'
, 'WHARF_CONTAINER_STORAGE'
, 'WHARF_EQUIPMENT')
order by object_name;

```

```

prompt
prompt REM Generating grants SELECT on snapshots to users who had SELECT
prompt REM permission with "WITH GRANT OPTION".
prompt
select
'GRANT SELECT on TABLE_MASTER.'||table_name||' to '||grantee||' WITH GRANT OPTION;''
from user_tab_privs
where owner = 'TABLE_MASTER' and grantable = 'YES'
and table_name in
( 'AIRPORT'
, 'AIRPORT_AIRCRAFT_CAT'
, 'AIRPORT_CLEARANCE'
, 'AIRPORT_REMARK'
, 'APRON'
, 'EQUIPMENT_TYPE'
, 'GEOGRAPHIC_LOCATION'
, 'HARBOR'
, 'PORTS_OF_SUPPORT_L10'
, 'REFERENCE_FILE_STATUS'
, 'SEAPORT'
, 'SEAPORT_ANCHORAGE'
, 'SEAPORT_BERTH_DEPTH'
, 'SEAPORT_CARGO_CAPACITY'
, 'SEAPORT_CHANNEL'
, 'SEAPORT_CLEARANCE'
, 'SEAPORT_CRAFT'
, 'SEAPORT_CRANE'
, 'SEAPORT_FLOATING_CRANE'
, 'SEAPORT_MHE'
, 'SEAPORT_REMARK'
, 'SEAPORT_STANDARD_BERTH'
, 'SEAPORT_STRUCTURE'
, 'SERVICE_FUEL_L4'
, 'SERVICE_FUEL_RATE_L4'
, 'SERVICE_ORGN_APPN_L11'
, 'SERVICE_RESUPPLY_L3'
, 'SERVICE_RESUPPLY_LOC_L2'
, 'SERVICE_SUPPLY_L4'
, 'SERVICE_SUPPLY_RATE_L4'
, 'UNIT_TYPE'
, 'UNIT_TYPE_CARGO_3RD'
, 'UNIT_TYPE_CARGO_4TH'
, 'UNIT_TYPE_FUEL_L1'
, 'UNIT_TYPE_FUEL_RATE_L1'
, 'UNIT_TYPE_REPLACEMENT'
, 'UNIT_TYPE_SUPPLY_L1'
, 'UNIT_TYPE_SUPPLY_RATE_L1'
, 'WHARF'
, 'WHARF_BERTH'
, 'WHARF_CONTAINER_STORAGE'
, 'WHARF_EQUIPMENT')
order by table_name, grantee;

prompt
prompt REM Generating grants SELECT on snapshots to users who are identified by
prompt REM a password and had SELECT permission on tables that were among the
prompt REM 42 new snapshots.
prompt
select
'GRANT SELECT on TABLE_MASTER.'||table_name||' to '||grantee||';'
from user_tab_privs
where owner = 'TABLE_MASTER' and grantable = 'NO'
and table_name in
( 'AIRPORT'
, 'AIRPORT_AIRCRAFT_CAT'
, 'AIRPORT_CLEARANCE'
, 'AIRPORT_REMARK'
, 'APRON'
, 'EQUIPMENT_TYPE'
, 'GEOGRAPHIC_LOCATION'
, 'HARBOR'
, 'PORTS_OF_SUPPORT_L10'
, 'REFERENCE_FILE_STATUS'
, 'SEAPORT'
, 'SEAPORT_ANCHORAGE'

```

```

    , 'SEAPORT_BERTH_DEPTH'
    , 'SEAPORT_CARGO_CAPACITY'
    , 'SEAPORT_CHANNEL'
    , 'SEAPORT_CLEARANCE'
    , 'SEAPORT_CRAFT'
    , 'SEAPORT_CRANE'
    , 'SEAPORT_FLOATING_CRANE'
    , 'SEAPORT_MHE'
    , 'SEAPORT_REMARK'
    , 'SEAPORT_STANDARD_BERTH'
    , 'SEAPORT_STRUCTURE'
    , 'SERVICE_FUEL_L4'
    , 'SERVICE_FUEL_RATE_L4'
    , 'SERVICE_ORGN_APPN_L11'
    , 'SERVICE_RESUPPLY_L3'
    , 'SERVICE_RESUPPLY_LOC_L2'
    , 'SERVICE_SUPPLY_L4'
    , 'SERVICE_SUPPLY_RATE_L4'
    , 'UNIT_TYPE'
    , 'UNIT_TYPE_CARGO_3RD'
    , 'UNIT_TYPE_CARGO_4TH'
    , 'UNIT_TYPE_FUEL_L1'
    , 'UNIT_TYPE_FUEL_RATE_L1'
    , 'UNIT_TYPE_REPLACEMENT'
    , 'UNIT_TYPE_SUPPLY_L1'
    , 'UNIT_TYPE_SUPPLY_RATE_L1'
    , 'WHARF'
    , 'WHARF_BERTH'
    , 'WHARF_CONTAINER_STORAGE'
    , 'WHARF_EQUIPMENT')
and grantee in ( select username from sys.dba_users
                 where password != 'EXTERNAL' )
order by table_name, grantee;

prompt
prompt REM Generating grants SMDB_REF_FILE role to users who had
prompt REM SELECT permission on any of the 42 snapshots.
prompt
select 'GRANT SMDB_REF_FILE to ||username|| ;'
from sys.dba_users
where password = 'EXTERNAL'
and username in
( select grantee from user_tab_privs
  where privilege = 'SELECT'
  and grantable = 'NO'
  and table_name in
  ( 'AIRPORT'
  , 'SEAPORT_STRUCTURE'
  , 'EQUIPMENT_TYPE'
  , 'UNIT_TYPE_REPLACEMENT'
  , 'WHARF_EQUIPMENT' )
);

prompt
prompt spool off
prompt exit
spool off

exit

```

K.5.9 sn_gen_refreshgrp.sql

```

Rem NAME
Rem     sn_gen_refreshgrp.sql
Rem FUNCTION
Rem     This script is run to generate another SQL script "sn_refreshgrp.sql"
Rem     to create refresh groups for the snapshots.
Rem CREATED
Rem     Rel. 08/30/96
Rem
set echo off
set feed off
set pages 0
set line 80
set verify off

col nothing fold_before
col next_date fold_after
col interval fold_after

rem Refresh time is next day at refresh hour and minutes
rem Time unit is day (24 hrs/day and 1440 minutes/day)

spool /h/SMDB/Scripts/SM_bld_tables/sn_refreshgrp.sql
prompt spool /h/SMDB/Scripts/SM_bld_tables/sn_refreshgrp.lis
prompt set feed on
prompt set echo on

select 'EXEC DBMS_REFRESH.DESTROY ( '''||rname||''' ) ;'
from user_refresh
where rname in ('REFRESH_GROUP1','REFRESH_GROUP2','REFRESH_GROUP3');

prompt

select 'EXEC DBMS_REFRESH.MAKE ( ''REFRESH_GROUP1'', -',
'    ''GEOGRAPHIC_LOCATION , AIRPORT, AIRPORT_AIRCRAFT_CAT , -',
'    AIRPORT_CLEARANCE , AIRPORT_REMARK , APRON , SEAPORT_STRUCTURE, -',
'    HARBOR, SEAPORT, SEAPORT_ANCHORAGE , SEAPORT_BERTH_DEPTH, -',
'    SEAPORT_CARGO_CAPACITY , SEAPORT_CHANNEL , SEAPORT_CLEARANCE , -',
'    SEAPORT_CRAFT , SEAPORT_CRANE , SEAPORT_FLOATING_CRANE, -',
'    SEAPORT_MHE , SEAPORT_REMARK , SEAPORT_STANDARD_BERTH, WHARF , -',
'    WHARF_BERTH, WHARF_CONTAINER_STORAGE, WHARF_EQUIPMENT'', -',
'    nothing,' sysdate + (5/1440), -' next_date,
'    ''trunc(sysdate + 1) + (||site_refresh_time||/24) + (0/1440)'', -' interval,
'    TRUE, , 'TRUE , 0, ''RB_BATCH'' );'
from snapshot_site_refresh
where host_name = '&1';

select 'EXEC DBMS_REFRESH.MAKE ( ''REFRESH_GROUP2'', -',
'    ''PORTS_OF_SUPPORT_L10 , SERVICE_RESUPPLY_LOC_L2 , SERVICE_RESUPPLY_L3 , -',
'    SERVICE_FUEL_L4 , SERVICE_FUEL_RATE_L4 , SERVICE_SUPPLY_L4 , -',
'    SERVICE_SUPPLY_RATE_L4 , SERVICE_ORGN_APPN_L11 , UNIT_TYPE_FUEL_L1 , -',
'    UNIT_TYPE_FUEL_RATE_L1 , UNIT_TYPE_SUPPLY_L1 , -',
'    UNIT_TYPE_SUPPLY_RATE_L1'', -',
'    nothing,' sysdate + (10/1440), -' next_date,
'    ''trunc(sysdate + 1) + (||site_refresh_time||/24) + (20/1440)'', -' interval,
'    TRUE, , 'TRUE , 0, ''RB_BATCH'' );'
from snapshot_site_refresh
where host_name = '&1';

select 'EXEC DBMS_REFRESH.MAKE ( ''REFRESH_GROUP3'', -',
'    ''UNIT_TYPE , UNIT_TYPE_CARGO_3RD , UNIT_TYPE_CARGO_4TH , -',
'    UNIT_TYPE REPLACEMENT , EQUIPMENT_TYPE, REFERENCE_FILE_STATUS'', -',
'    nothing, ' sysdate + (15/1440), -' next_date,
'    ''trunc(sysdate + 1) + (||site_refresh_time||/24) + (40/1440)'', -' interval,
'    TRUE, , 'TRUE , 0, ''RB_BATCH'' );'
from snapshot_site_refresh
where host_name = '&1';

select 'EXEC DBMS_REFRESH.MAKE ( ''REFRESH_GROUP1'', -',
'    ''GEOGRAPHIC_LOCATION , AIRPORT, AIRPORT_AIRCRAFT_CAT , -',
'    AIRPORT_CLEARANCE , AIRPORT_REMARK , APRON , SEAPORT_STRUCTURE, -',
'    HARBOR, SEAPORT, SEAPORT_ANCHORAGE , SEAPORT_BERTH_DEPTH, -',
'
```

```

' SEAPORT_CARGO_CAPACITY , SEAPORT_CHANNEL , SEAPORT_CLEARANCE , -',
' SEAPORT_CRAFT , SEAPORT_CRANE , SEAPORT_FLOATING_CRANE , -',
' SEAPORT_MHE , SEAPORT_REMARK , SEAPORT_STANDARD_BERTH , WHARF , -',
' WHARF_BERTH , WHARF_CONTAINER_STORAGE , WHARF_EQUIPMENT'', -',
nothing,' sysdate + (5/1440), -' next_date,
'||trunc(sysdate + 1) + ('||site_refresh_time||/24) + (0/1440)'', -' interval,
TRUE, ', 'TRUE , 0, ''RB_BATCH'' );
from snapshot_site_refresh
where host_name = 'other'
and not exists ( select host_name from snapshot_site_refresh
                  where host_name = '&1' );

select 'EXEC DBMS_REFRESH.MAKE ( ''REFRESH_GROUP2'', -',
' ''PORTS_OF_SUPPORT_L10 , SERVICE_RESUPPLY_LOC_L2 , SERVICE_RESUPPLY_L3 , -',
' SERVICE_FUEL_L4 , SERVICE_FUEL_RATE_L4 , SERVICE_SUPPLY_L4 , -',
' SERVICE_SUPPLY_RATE_L4 , SERVICE_ORGN_APPN_L11 , UNIT_TYPE_FUEL_L1 , -',
' UNIT_TYPE_FUEL_RATE_L1 , UNIT_TYPE_SUPPLY_L1 , -',
' UNIT_TYPE_SUPPLY_RATE_L1'', -',
nothing,' sysdate + (10/1440), -' next_date,
'||trunc(sysdate + 1) + ('||site_refresh_time||/24) + (20/1440)'', -' interval,
TRUE, ', 'TRUE , 0, ''RB_BATCH'' );
from snapshot_site_refresh
where host_name = 'other'
and not exists ( select host_name from snapshot_site_refresh
                  where host_name = '&1' );

select 'EXEC DBMS_REFRESH.MAKE ( ''REFRESH_GROUP3'', -',
' ''UNIT_TYPE , UNIT_TYPE_CARGO_3RD , UNIT_TYPE_CARGO_4TH , -',
' UNIT_TYPE REPLACEMENT , EQUIPMENT_TYPE, REFERENCE_FILE_STATUS'', -',
nothing, ' sysdate + (15/1440), -' next_date,
'||trunc(sysdate + 1) + ('||site_refresh_time||/24) + (40/1440)'', -' interval,
TRUE, ', 'TRUE , 0, ''RB_BATCH'' );
from snapshot_site_refresh
where host_name = 'other'
and not exists ( select host_name from snapshot_site_refresh
                  where host_name = '&1' );

prompt set pages 150
prompt column interval format a50 word_wrapped
prompt column owner format a12 word_wrapped
prompt column rowner format a12 word_wrapped
prompt column type format a12 word_wrapped
prompt column rname format a15 word_wrapped
prompt
select 'select * from user_refresh_children;' from dual;
prompt
prompt spool off
prompt exit
spool off
@/h/SMDB/Scripts/SM_bld_tables/sn_refreshgrp.sql

exit

```

K.5.10 sn_mstr_link.sql

```
Rem NAME
Rem     sn_mstr_link.sql
Rem FUNCTION
Rem     Create a private database link from snapshot sites connected
Rem     to SNAPSHOT_MASTER_READER at the master site for snapshots
Rem     creation and refresh.
Rem CREATED
Rem     Rel 08/30/96

set echo on
set verify off
spool /h/SMDB/Scripts/SM_bld_tables/sn_mstr_link.lis

drop database link GCCS.NMCC.SMIL.MIL ;

create database link GCCS.NMCC.SMIL.MIL
connect to SNAPSHOT_MASTER_READER
identified by &1 using 'NMCC_DB.WORLD';

select * from global_name@GCCS.NMCC.SMIL.MIL;

spool off
exit
```

K.5.11 sn_site_refresh.sql

```

Rem NAME
Rem     sn_site_refresh.sql
Rem FUNCTION
Rem     Script to build a table to hold snapshot refresh time
Rem     in hour format for each snapshot site.
Rem CREATED
Rem     Rel. 08/30/96

set echo on
spool /h/SMDB/Scripts/SM_bld_tables/sn_site_refresh.lis

drop table table_master.snapshot_site_refresh ;

create table table_master.snapshot_site_refresh (
    site_name varchar2(10),
    host_name varchar2(10),
    master_local_time number(2),
    site_refresh_time number(2) )
tablespace REFERENCE_FILE_03
pctfree 20 pctused 80
storage ( initial 8K next 4K pctincrease 0 );

insert into table_master.snapshot_site_refresh values ( 'USFK','taes1',16,21 ) ;
insert into table_master.snapshot_site_refresh values ( 'HQDA','aoc-db2',17,17 ) ;
insert into table_master.snapshot_site_refresh values ( 'SOCOM','gsoc2',18,18 ) ;
insert into table_master.snapshot_site_refresh values ( 'AMC','amc',19,18 ) ;
insert into table_master.snapshot_site_refresh values ( 'EUCOM','sgdbl',20,01 ) ;
insert into table_master.snapshot_site_refresh values ( 'EUCOM2','gdb1',21,02 ) ;
insert into table_master.snapshot_site_refresh values ( 'USAFE','gs001',22,03 ) ;
insert into table_master.snapshot_site_refresh values ( 'SOUTHCOM','gccdat01',23,04 ) ;
insert into table_master.snapshot_site_refresh values ( 'CENTCOM','ccdepi',00,00 ) ;
insert into table_master.snapshot_site_refresh values ( 'ACOM','usacom',01,01 ) ;
insert into table_master.snapshot_site_refresh values ( 'FORSCOM','ops-db01',02,07 ) ;
insert into table_master.snapshot_site_refresh values ( 'TRANSCOM','ustc',03,02 ) ;
insert into table_master.snapshot_site_refresh values ( 'ARPAC','hawaii',04,23 ) ;
insert into table_master.snapshot_site_refresh values ( 'PACAF','pacaf1',05,00 ) ;
insert into table_master.snapshot_site_refresh values ( 'ACC','acc-db01',06,06 ) ;
insert into table_master.snapshot_site_refresh values ( 'OSF','radar',07,07 ) ;
insert into table_master.snapshot_site_refresh values ( 'OTHER','other',06,06 ) ;

spool off
exit

```

K.5.12 sn_snapidx.sql

```

Rem NAME
Rem     sn_snapidx.sql
Rem FUNCTION
Rem     Create alternate indexes for snapshots base tables.
Rem CREATED
Rem     Rel

set echo on
set feed on
spool /h/SMDB/Scripts/SM_bld_tables/sn_snapidx.lis

CREATE index I018_AP_ICAO_FAC_CD on SNAP$_GEOGRAPHIC_LOCATION
( AP_ICAO_FAC_CD )
pctfree 5
tablespace REF_FILE_IDX_02
storage ( initial 1024K next 256K pctincrease 0 );

CREATE index I018_CY_ST_CD on SNAP$_GEOGRAPHIC_LOCATION
( CY_ST_CD )
pctfree 5
tablespace REF_FILE_IDX_02
storage ( initial 1024K next 256K pctincrease 0 );

CREATE index I018_GLC_NM on SNAP$_GEOGRAPHIC_LOCATION
( GLC_NM )
pctfree 5
tablespace REF_FILE_IDX_02
storage ( initial 2048K next 512K pctincrease 0 );

CREATE index I018_MILSTAMP_ID on SNAP$_GEOGRAPHIC_LOCATION
( MILSTAMP_ID )
pctfree 5
tablespace REF_FILE_IDX_02
storage ( initial 1024K next 256K pctincrease 0 );

CREATE index I018_PRME_GLC_CD on SNAP$_GEOGRAPHIC_LOCATION
( PRME_GLC_CD )
pctfree 5
tablespace REF_FILE_IDX_02
storage ( initial 1024K next 256K pctincrease 0 );

CREATE index I018_UN_ID on SNAP$_GEOGRAPHIC_LOCATION
( GLC_RPTG_UN_ID )
pctfree 5
tablespace REF_FILE_IDX_02
storage ( initial 1204K next 256K pctincrease 0 );

CREATE index PK_GLC on SNAP$_GEOGRAPHIC_LOCATION
( GLC_CD )
pctfree 5
tablespace REF_FILE_IDX_02
storage ( initial 1M next 256K pctincrease 0 );

CREATE index PK_UNT on SNAP$_UNIT_TYPE
( UNT_CD )
pctfree 5
tablespace REF_FILE_IDX_01
storage ( initial 256K next 64K pctincrease 0 );

CREATE index I032_UNT_ORGNR_UN_ID on SNAP$_UNIT_TYPE
( UNT_ORGNR_UN_ID )
pctfree 5
tablespace REF_FILE_IDX_01
storage ( initial 256K next 64K pctincrease 0 );

CREATE index PK_UNT_3RD on SNAP$_UNIT_TYPE_CARGO_3RD
( UNT_CD,
  CGO_TY_CD,
  CGO_XTNT_CD,
  CGO_CNTZN_CD )
pctfree 5

```

```

tablespace REF_FILE_IDX_01
storage ( initial 768K next 192K pctincrease 0 );

CREATE index I033_CGO_CNTZN_CD on SNAP$_UNIT_TYPE_CARGO_3RD
( CGO_CNTZN_CD )
pctfree 5
tablespace REF_FILE_IDX_01
storage ( initial 512K next 128K pctincrease 0 );

CREATE index I033_CGO_TY_CD on SNAP$_UNIT_TYPE_CARGO_3RD
( CGO_TY_CD )
pctfree 5
tablespace REF_FILE_IDX_01
storage ( initial 512K next 128K pctincrease 0 );

CREATE index I033_CGO_XTNT_CD on SNAP$_UNIT_TYPE_CARGO_3RD
( CGO_XTNT_CD )
pctfree 5
tablespace REF_FILE_IDX_01
storage ( initial 512K next 128K pctincrease 0 );

CREATE index PK_UNT_4TH on SNAP$_UNIT_TYPE_CARGO_4TH
( UNT_CD,
CGO_TY_CD,
CGO_XTNT_CD,
CGO_CNTZN_CD,
UNT_CGO_ITM_ID )
pctfree 5
tablespace REF_FILE_IDX_01
storage ( initial 2560K next 640K pctincrease 0 );

CREATE index PK_UNT_RPLCM on SNAP$_UNIT_TYPE_REPLACEMENT
( UNT_CD,
RPLCD_UNT_CD )
pctfree 5
tablespace REF_FILE_IDX_01
storage ( initial 64K next 16K pctincrease 0 );

CREATE index PK_AP on SNAP$_AIRPORT
( GLC_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_03
storage ( initial 96K next 24K pctincrease 0 );

CREATE index I059_UN_ID on SNAP$_AIRPORT
( UN_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_03
storage ( initial 96K next 24K pctincrease 0 );

CREATE index PK_AP_ACFT_CAT on SNAP$_AIRPORT_AIRCRAFT_CAT
( GLC_CD,
AC_CAT_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_03
storage ( initial 768K next 192K pctincrease 0 );

CREATE index I060_AC_CAT_CD on SNAP$_AIRPORT_AIRCRAFT_CAT
( AC_CAT_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_03
storage ( initial 640K next 160K pctincrease 0 );

CREATE index PK_AP_CLNC on SNAP$_AIRPORT_CLEARANCE
( GLC_CD,
AP_TRNPN_CLNC_MD_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_03
storage ( initial 40K next 12K pctincrease 0 );

CREATE index PK_AP_RMK on SNAP$_AIRPORT_REMARK
( GLC_CD,
AP_RMK_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_03

```

```

storage ( initial 256K next 64K pctincrease 0 );

CREATE index PK_APN on SNAP$_APRON
( GLC_CD,
  AP_APN_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_03
storage ( initial 192K next 48K pctincrease 0 );

CREATE index PK_EQT on SNAP$_EQUIPMENT_TYPE
( EQT_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 80K next 20K pctincrease 0 );

CREATE index I089_UN_ID on SNAP$_EQUIPMENT_TYPE
( EQT_ORIG_UN_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 80K next 20K pctincrease 0 );

CREATE index PK_HBR on SNAP$_HARBOR
( GLC_CD,
  SP_HBR_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 32K next 8K pctincrease 0 );

CREATE index I095_SP_LVL_ID on SNAP$_HARBOR
( SP_LVL_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 32K next 8K pctincrease 0 );

CREATE index PK_SP on SNAP$_SEAPORT
( GLC_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 40K next 12K pctincrease 0 );

CREATE index I121_AP_GLC_CD on SNAP$_SEAPORT
( AP_GLC_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 24K next 8K pctincrease 0 );

CREATE index I121_SP_LVL_ID on SNAP$_SEAPORT
( SP_LVL_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 48K next 12K pctincrease 0 );

CREATE index PK_SP_ANCHR on SNAP$_SEAPORT_ANCHORAGE
( SP_LVL_ID,
  SP_SH_ANCHR_CL_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 160K next 40K pctincrease 0 );

CREATE index PK_SP_BRTH_DPT on SNAP$_SEAPORT_BERTH_DEPTH
( SP_LVL_ID,
  SP_BRTH_PDM_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 448K next 112K pctincrease 0 );

CREATE index PK_SP_CGO_CAP on SNAP$_SEAPORT_CARGO_CAPACI
( SP_LVL_ID,
  SP_CGO_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 1536K next 384K pctincrease 0 );

CREATE index PK_SP_CHNL on SNAP$_SEAPORT_CHANNEL
( SP_LVL_ID,

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```

WWY_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 48K next 12K pctincrease 0 );

CREATE index PK_SP_CLNC on SNAP$_SEAPORT_CLEARANCE
( SP_LVL_ID,
  SP_CGO_TRNPN_CLNC_MD_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 64K next 16K pctincrease 0 );

CREATE index PK_SP_CRFT on SNAP$_SEAPORT_CRAFT
( SP_LVL_ID,
  SP_HBR_CRFT_TY_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 256K next 64K pctincrease 0 );

CREATE index PK_SP_CRN on SNAP$_SEAPORT_CRANE
( SP_LVL_ID,
  SP_CRN_TY_CD,
  SP_CRN_CAP_WT )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 280K next 64K pctincrease 0 );

CREATE index PK_SP_FLT_CRN on SNAP$_SEAPORT_FLOATING_CRA
( SP_LVL_ID,
  SP_FLT_CRN_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 24K next 8K pctincrease 0 );

CREATE index PK_SP_MHE on SNAP$_SEAPORT_MHE
( SP_LVL_ID,
  SP_MHE_CD,
  SP_MHE_CAP_WT )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 160K next 40K pctincrease 0 );

CREATE index PK_SP_RMK on SNAP$_SEAPORT_REMARK
( SP_LVL_ID,
  SP_RMK_CQY )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 384K next 96K pctincrease 0 );

CREATE index PK_SP_STD_BRTH on SNAP$_SEAPORT_STANDARD_BER
( SP_LVL_ID,
  STB_CD )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 512K next 128K pctincrease 0 );

CREATE index PK_SP_STRC on SNAP$_SEAPORT_STRUCTURE
( SP_LVL_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 384K next 96K pctincrease 0 );

CREATE index PK_WHRF on SNAP$_WHARF
( GLC_CD,
  SP_HBR_ID,
  SP_WHRF_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 384K next 96K pctincrease 0 );

CREATE index I143_SP_LVL_ID on SNAP$_WHARF
( SP_LVL_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 320K next 80K pctincrease 0 );

```

```

CREATE index PK_WHRF_BRTH on SNAP$_WHARF_BERTH
( SP_LVL_ID,
  SP_BRTH_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 3M next 768K pctincrease 0 );

CREATE index PK_WHRF_CNTNR on SNAP$_WHARF_CONTAINER_STOR
( SP_LVL_ID,
  SP_WHRF_CNTNR_STR_SEQ_CQY )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 960K next 240K pctincrease 0 );

CREATE index PK_WHRF_EQ on SNAP$_WHARF_EQUIPMENT
( SP_LVL_ID,
  SP_WHRF_OTH_EQ_TY_ID )
pctfree 5
tablespace REFERENCE_FILE_IDX_04
storage ( initial 1920K next 480K pctincrease 0 );

CREATE index PK_PORT_SUPT on SNAP$_PORTS_OF_SUPPORT_L10
( CMD_ORG_TY_CD,
  CY_ST_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 16K next 16K pctincrease 0 );

CREATE index PK_SVC_FL on SNAP$_SERVICE_FUEL_L4
( SVC_CD,
  SCL_CD,
  FL_TY_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 24K next 8K pctincrease 0 );

CREATE index PK_SVC_FL_RT on SNAP$_SERVICE_FUEL_RATE_L4
( SVC_CD,
  SCL_CD,
  FL_TY_CD,
  SVC_SPCSPN_CBT_INTST_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 12K next 12K pctincrease 0 );

CREATE index PK_SVC_OR_APPN on SNAP$_SERVICE_ORGN_APPN_L1
( CMD_ORG_TY_CD,
  MAT_APPN_CD,
  OTH_SVC_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 8K next 8K pctincrease 0 );

CREATE index PK_SVC_RSPLY on SNAP$_SERVICE_RESUPPLY_L3
( SVC_CD,
  SCL_CD,
  GLC_CD,
  SVC_SPY_LOC_USE_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 24K next 8K pctincrease 0 );

CREATE index PK_SVC_RSP_LOC on SNAP$_SERVICE_RESUPPLY_LOC
( SVC_CD,
  SCL_CD,
  GLC_CD,
  SVC_SPY_LOC_USE_CD,
  SVC_SPY_TRNPN_MD_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 32K next 8K pctincrease 0 );

CREATE index PK_SVC_SUP on SNAP$_SERVICE_SUPPLY_L4
( SVC_CD,

```

```

SCL_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 8K next 8K pctincrease 0 );

CREATE index PK_SVC_SUP_RT on SNAP$_SERVICE_SUPPLY_RATE_
( SVC_CD,
  SCL_CD,
  SVC_SPCSPN_CBT_INTST_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 20K next 8K pctincrease 0 );

CREATE index PK_UNT_FL on SNAP$_UNIT_TYPE_FUEL_L1
( SVC_CD,
  UNT_CD,
  SCL_CD,
  FL_TY_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 72K next 12K pctincrease 0 );

CREATE index PK_UNT_FL_RT on SNAP$_UNIT_TYPE_FUEL_RATE_
( SVC_CD,
  UNT_CD,
  SCL_CD,
  FL_TY_CD,
  UNT_SPCSPN_CBT_INTST_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 384K next 96K pctincrease 0 );

CREATE index PK_UNT_SUP on SNAP$_UNIT_TYPE_SUPPLY_L1
( SVC_CD,
  UNT_CD,
  SCL_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 320K next 80K pctincrease 0 );

CREATE index PK_UNT_SUP_RT on SNAP$_UNIT_TYPE_SUPPLY_RAT
( SVC_CD,
  UNT_CD,
  SCL_CD,
  UNT_SPCSPN_CBT_INTST_CD )
pctfree 5
tablespace LGSTC_FCTR_FILE_IDX_01
storage ( initial 1536K next 384K pctincrease 0 );

spool off
exit

```

K.5.13 sn_snapshot.sql

```

Rem NAME
Rem     sn_snapshot.sql
Rem FUNCTION
Rem     Drop existing Reference File tables and replace
Rem     them with snapshots.

set echo on
set feed on
timing start
spool /h/SMDB/Scripts/SM_bld_tables/sn_snapshot.lis

ALTER user TABLE_MASTER default tablespace REF_FILE_IDX_02;

DROP table TABLE_MASTER.GEOGRAPHIC_LOCATION cascade constraints;

ALTER tablespace REF_FILE_IDX_02 default storage ( initial 2M next 512K );

CREATE snapshot TABLE_MASTER.GEOGRAPHIC_LOCATION
  tablespace REFERENCE_FILE_01
    pctfree 20 pctused 40
    storage ( initial 8M next 2M pctincrease 0 )
    refresh force start with sysdate + (5/1440)
    next sysdate + 1
as select * from TABLE_MASTER.GEOGRAPHIC_LOCATION@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REF_FILE_IDX_02 default storage ( initial 50K next 100K );

ALTER user TABLE_MASTER default tablespace REF_FILE_IDX_01;

DROP table TABLE_MASTER.UNIT_TYPE cascade constraints;

ALTER tablespace REF_FILE_IDX_01 default storage ( initial 512K next 128K );

CREATE snapshot TABLE_MASTER.UNIT_TYPE
  tablespace REFERENCE_FILE_01
    pctfree 20 pctused 40
    storage ( initial 2M next 512K pctincrease 0 )
    refresh force start with sysdate + (5/1440)
    next sysdate + 1
as select * from TABLE_MASTER.UNIT_TYPE@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REF_FILE_IDX_01 default storage ( initial 50K next 100K );

DROP table TABLE_MASTER.UNIT_TYPE_REPLACEMENT cascade constraints;

CREATE snapshot TABLE_MASTER.UNIT_TYPE_REPLACEMENT
  tablespace REFERENCE_FILE_01
    pctfree 20 pctused 40
    storage ( initial 100K next 100K pctincrease 0 )
    refresh force start with sysdate + (5/1440)
    next sysdate + 1
as select * from TABLE_MASTER.UNIT_TYPE_REPLACEMENT@GCCS.NMCC.SMIL.MIL;

ALTER user TABLE_MASTER default tablespace REFERENCE_FILE_IDX_03;

DROP table TABLE_MASTER.UNIT_TYPE_CARGO_3RD cascade constraints;

ALTER tablespace REFERENCE_FILE_IDX_03 default storage ( initial 512K next 128K );

CREATE snapshot TABLE_MASTER.UNIT_TYPE_CARGO_3RD
  tablespace REFERENCE_FILE_01
    pctfree 20 pctused 40
    storage ( initial 2M next 512K pctincrease 0 )
    refresh force start with sysdate + (5/1440)
    next sysdate + 1
as select * from TABLE_MASTER.UNIT_TYPE_CARGO_3RD@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_03 default storage ( initial 50K next 100K );

```

```

ALTER user TABLE_MASTER default tablespace REFERENCE_FILE_IDX_04;
DROP table TABLE_MASTER.UNIT_TYPE_CARGO_4TH cascade constraints;
ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 2M next 512K );
CREATE snapshot TABLE_MASTER.UNIT_TYPE_CARGO_4TH
  tablespace REFERENCE_FILE_01
  pctfree 20 pctused 40
  storage ( initial 8M next 2M pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.UNIT_TYPE_CARGO_4TH@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 50K next 100K );

ALTER user TABLE_MASTER default tablespace REFERENCE_FILE_IDX_03;
ALTER tablespace REFERENCE_FILE_IDX_03 default storage ( initial 256K next 64K );
DROP table TABLE_MASTER.AIRPORT cascade constraints;
CREATE snapshot TABLE_MASTER.AIRPORT
  tablespace REFERENCE_FILE_03
  pctfree 20 pctused 40
  storage ( initial 768K next 192K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.AIRPORT@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.AIRPORT_AIRCRAFT_CAT cascade constraints;
CREATE snapshot TABLE_MASTER.AIRPORT_AIRCRAFT_CAT
  tablespace REFERENCE_FILE_03
  pctfree 20 pctused 40
  storage ( initial 1M next 256K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.AIRPORT_AIRCRAFT_CAT@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_03 default storage ( initial 32K next 8K );
DROP table TABLE_MASTER.AIRPORT_CLEARANCE cascade constraints;
CREATE snapshot TABLE_MASTER.AIRPORT_CLEARANCE
  tablespace REFERENCE_FILE_03
  pctfree 20 pctused 40
  storage ( initial 128K next 32K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.AIRPORT_CLEARANCE@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_03 default storage ( initial 256K next 64K );
DROP table TABLE_MASTER.AIRPORT_REMARK cascade constraints;
CREATE snapshot TABLE_MASTER.AIRPORT_REMARK
  tablespace REFERENCE_FILE_03
  pctfree 20 pctused 40
  storage ( initial 1M next 256K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.AIRPORT_REMARK@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.APRON cascade constraints;
CREATE snapshot TABLE_MASTER.APRON
  tablespace REFERENCE_FILE_03
  pctfree 20 pctused 40
  storage ( initial 1M next 256K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.APRON@GCCS.NMCC.SMIL.MIL;

```

```

ALTER tablespace REFERENCE_FILE_IDX_03 default storage ( initial 50K next 100K );

ALTER user TABLE_MASTER default tablespace REF_FILE_IDX_01;

ALTER tablespace REF_FILE_IDX_01 default storage ( initial 8K next 4K );

DROP table TABLE_MASTER.REFERENCE_FILE_STATUS cascade constraints;

CREATE snapshot TABLE_MASTER.REFERENCE_FILE_STATUS
  tablespace REFERENCE_FILE_01
  pctfree 20 pctused 40
  storage ( initial 8K next 4K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.REFERENCE_FILE_STATUS@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REF_FILE_IDX_01 default storage ( initial 50K next 100K );

ALTER user TABLE_MASTER default tablespace REFERENCE_FILE_IDX_04;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 192K next 32K );

DROP table TABLE_MASTER.EQUIPMENT_TYPE cascade constraints;

CREATE snapshot TABLE_MASTER.EQUIPMENT_TYPE
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 768K next 192K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.EQUIPMENT_TYPE@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 128K next 32K );

DROP table TABLE_MASTER.HARBOR cascade constraints;

CREATE snapshot TABLE_MASTER.HARBOR
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 256K next 64K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.HARBOR@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SEAPORT cascade constraints;

CREATE snapshot TABLE_MASTER.SEAPORT
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 512K next 128K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SEAPORT_ANCHORAGE cascade constraints;

CREATE snapshot TABLE_MASTER.SEAPORT_ANCHORAGE
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 512K next 128K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_ANCHORAGE@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SEAPORT_BERTH_DEPTH cascade constraints;

CREATE snapshot TABLE_MASTER.SEAPORT_BERTH_DEPTH
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 512K next 128K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_BERTH_DEPTH@GCCS.NMCC.SMIL.MIL;

```

```

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 1M next 256K );
DROP table TABLE_MASTER.SEAPORT_CARGO_CAPACITY cascade constraints;
CREATE snapshot TABLE_MASTER.SEAPORT_CARGO_CAPACITY
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 5M next 1280K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_CAPACITY@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 96K next 32K );
DROP table TABLE_MASTER.SEAPORT_CHANNEL cascade constraints;
CREATE snapshot TABLE_MASTER.SEAPORT_CHANNEL
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 256K next 64K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_CHANNEL@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SEAPORT_CLEARANCE cascade constraints;
CREATE snapshot TABLE_MASTER.SEAPORT_CLEARANCE
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 256K next 64K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_CLEARANCE@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SEAPORT_CRAFT cascade constraints;
CREATE snapshot TABLE_MASTER.SEAPORT_CRAFT
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 384K next 128K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_CRAFT@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SEAPORT_CRANE cascade constraints;
CREATE snapshot TABLE_MASTER.SEAPORT_CRANE
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 512K next 128K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_CRANE@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 16K next 8K );
DROP table TABLE_MASTER.SEAPORT_FLOATING_CRANE cascade constraints;
CREATE snapshot TABLE_MASTER.SEAPORT_FLOATING_CRANE
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 64K next 16K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_FLOATING_CRANE@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 64K next 16K );
DROP table TABLE_MASTER.SEAPORT_MHE cascade constraints;
CREATE snapshot TABLE_MASTER.SEAPORT_MHE
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 256K next 64K pctincrease 0 )

```

```

refresh force start with sysdate + (5/1440)
next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_MHE@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 512K next 128K );
DROP table TABLE_MASTER.SEAPORT_REMARK cascade constraints;

CREATE snapshot TABLE_MASTER.SEAPORT_REMARK
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 2M next 512K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_REMARK@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SEAPORT_STANDARD_BERTH cascade constraints;

CREATE snapshot TABLE_MASTER.SEAPORT_STANDARD_BERTH
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 768K next 192K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_STANDARD_BERTH@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SEAPORT_STRUCTURE cascade constraints;

CREATE snapshot TABLE_MASTER.SEAPORT_STRUCTURE
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 2M next 512K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SEAPORT_STRUCTURE@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.WHARF cascade constraints;

CREATE snapshot TABLE_MASTER.WHARF
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 768K next 192K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.WHARF@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 768K next 192K );
DROP table TABLE_MASTER.WHARF_BERTH cascade constraints;

CREATE snapshot TABLE_MASTER.WHARF_BERTH
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 4M next 1M pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.WHARF_BERTH@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.WHARF_CONTAINER_STORAGE cascade constraints;

CREATE snapshot TABLE_MASTER.WHARF_CONTAINER_STORAGE
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 1M next 256K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.WHARF_CONTAINER_STORAGE@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.WHARF_EQUIPMENT cascade constraints;

CREATE snapshot TABLE_MASTER.WHARF_EQUIPMENT
  tablespace REFERENCE_FILE_04
  pctfree 20 pctused 40
  storage ( initial 3M next 768K pctincrease 0 )
  refresh force start with sysdate + (5/1440)

```

```

next sysdate + 1
as select * from TABLE_MASTER.WHARF_EQUIPMENT@GCCS.NMCC.SMIL.MIL;

ALTER tablespace REFERENCE_FILE_IDX_04 default storage ( initial 50K next 100K );

ALTER user TABLE_MASTER default tablespace LGSTC_FCTR_FILE_IDX_02;
ALTER tablespace LGSTC_FCTR_FILE_IDX_02 default storage ( initial 16K next 8K );
DROP table TABLE_MASTER.PORTS_OF_SUPPORT_L10 cascade constraints;
CREATE snapshot TABLE_MASTER.PORTS_OF_SUPPORT_L10
  tablespace LGSTC_FCTR_FILE_02
  pctfree 20 pctused 40
  storage ( initial 50K next 50K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.PORTS_OF_SUPPORT_L10@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SERVICE_FUEL_L4 cascade constraints;
CREATE snapshot TABLE_MASTER.SERVICE_FUEL_L4
  tablespace LGSTC_FCTR_FILE_01
  pctfree 20 pctused 40
  storage ( initial 20K next 8K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SERVICE_FUEL_L4@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SERVICE_FUEL_RATE_L4 cascade constraints;
CREATE snapshot TABLE_MASTER.SERVICE_FUEL_RATE_L4
  tablespace LGSTC_FCTR_FILE_01
  pctfree 20 pctused 40
  storage ( initial 20K next 8K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SERVICE_FUEL_RATE_L4@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SERVICE_ORGN_APPN_L11 cascade constraints;
CREATE snapshot TABLE_MASTER.SERVICE_ORGN_APPN_L11
  tablespace LGSTC_FCTR_FILE_01
  pctfree 20 pctused 40
  storage ( initial 8K next 8K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SERVICE_ORGN_APPN_L11@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SERVICE_RESUPPLY_L3 cascade constraints;
CREATE snapshot TABLE_MASTER.SERVICE_RESUPPLY_L3
  tablespace LGSTC_FCTR_FILE_01
  pctfree 20 pctused 40
  storage ( initial 64K next 16K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SERVICE_RESUPPLY_L3@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SERVICE_RESUPPLY_LOC_L2 cascade constraints;
CREATE snapshot TABLE_MASTER.SERVICE_RESUPPLY_LOC_L2
  tablespace LGSTC_FCTR_FILE_01
  pctfree 20 pctused 40
  storage ( initial 64K next 16K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SERVICE_RESUPPLY_LOC_L2@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SERVICE_SUPPLY_L4 cascade constraints;
CREATE snapshot TABLE_MASTER.SERVICE_SUPPLY_L4
  tablespace LGSTC_FCTR_FILE_01
  pctfree 20 pctused 40

```

```

storage ( initial 16K next 4K pctincrease 0 )
refresh force start with sysdate + (5/1440)
next sysdate + 1
as select * from TABLE_MASTER.SERVICE_SUPPLY_L4@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.SERVICE_SUPPLY_RATE_L4 cascade constraints;

CREATE snapshot TABLE_MASTER.SERVICE_SUPPLY_RATE_L4
  tablespace LGSTC_FCTR_FILE_01
  pctfree 20 pctused 40
  storage ( initial 64K next 16K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.SERVICE_SUPPLY_RATE_L4@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.UNIT_TYPE_FUEL_L1 cascade constraints;

CREATE snapshot TABLE_MASTER.UNIT_TYPE_FUEL_L1
  tablespace LGSTC_FCTR_FILE_02
  pctfree 20 pctused 40
  storage ( initial 256K next 64K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.UNIT_TYPE_FUEL_L1@GCCS.NMCC.SMIL.MIL;

ALTER tablespace LGSTC_FCTR_FILE_IDX_02 default storage ( initial 256K next 64K );

DROP table TABLE_MASTER.UNIT_TYPE_FUEL_RATE_L1 cascade constraints;

CREATE snapshot TABLE_MASTER.UNIT_TYPE_FUEL_RATE_L1
  tablespace LGSTC_FCTR_FILE_02
  pctfree 20 pctused 40
  storage ( initial 768K next 192K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.UNIT_TYPE_FUEL_RATE_L1@GCCS.NMCC.SMIL.MIL;

DROP table TABLE_MASTER.UNIT_TYPE_SUPPLY_L1 cascade constraints;

CREATE snapshot TABLE_MASTER.UNIT_TYPE_SUPPLY_L1
  tablespace LGSTC_FCTR_FILE_02
  pctfree 20 pctused 40
  storage ( initial 768K next 192K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.UNIT_TYPE_SUPPLY_L1@GCCS.NMCC.SMIL.MIL;

ALTER tablespace LGSTC_FCTR_FILE_IDX_02 default storage ( initial 768K next 192K );

DROP table TABLE_MASTER.UNIT_TYPE_SUPPLY_RATE_L1 cascade constraints;

CREATE snapshot TABLE_MASTER.UNIT_TYPE_SUPPLY_RATE_L1
  tablespace LGSTC_FCTR_FILE_01
  pctfree 20 pctused 40
  storage ( initial 3M next 768K pctincrease 0 )
  refresh force start with sysdate + (5/1440)
  next sysdate + 1
as select * from TABLE_MASTER.UNIT_TYPE_SUPPLY_RATE_L1@GCCS.NMCC.SMIL.MIL;

ALTER tablespace LGSTC_FCTR_FILE_IDX_02 default storage ( initial 50K next 100K );

ALTER user TABLE_MASTER default tablespace USERS;

timing stop
spool off
exit

```